

# Antibiotic Resistance: Strategic Solutions

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# Current National Activities

- Multiple independent initiatives – APUA, CAQH, AMA, AAP, AAFP, MCOs et al
- Public Health Campaign – *Get Smart: Know When Antibiotics Work* (2003)
- Healthcare Setting Campaign
- Interagency Task Force on Antibiotic Resistance (1999)

# GET SMART: Know When Antibiotics Work

## GET SMART...

- Antibiotics are strong medicines, but they don't cure everything.
- When not used correctly, antibiotics can actually be harmful to your health.
- Antibiotics can cure most bacterial infections. Antibiotics cannot cure viral illnesses.
- Antibiotics kill bacteria – not viruses.
- When you are sick, antibiotics are not always the answer.



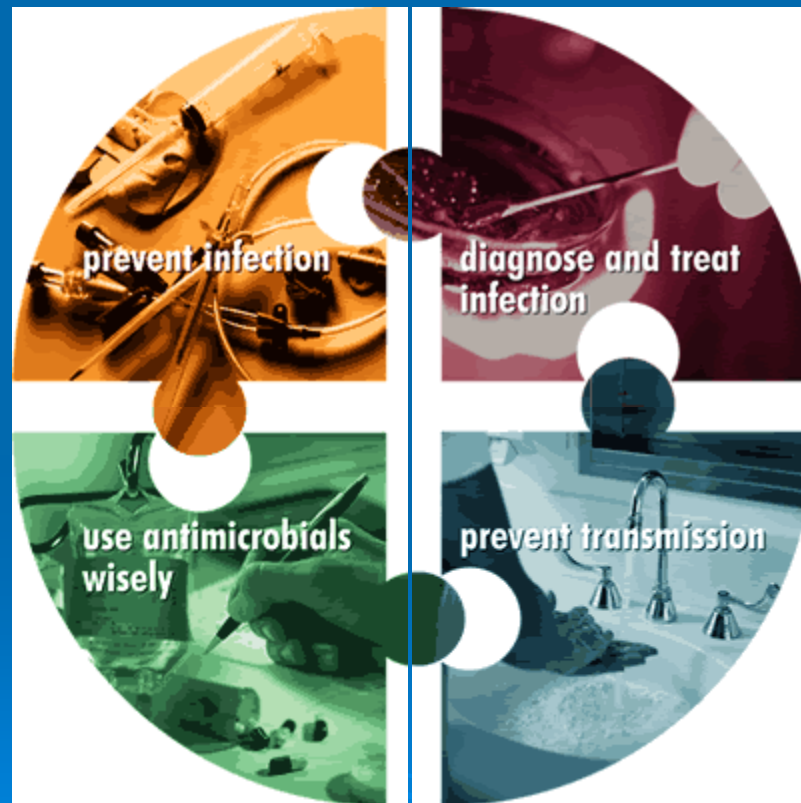
## USE ANTIBIOTICS WISELY

*Talk with your doctor or health care provider about the right medicines for your health.*



Cold or Flu.  
Antibiotics Don't  
Work for You.

# Prevent Antimicrobial Resistance in Healthcare Settings



# Interagency Task Force on Antibiotic Resistance



# A Public Health Action Plan to Combat Antimicrobial Resistance

- Part I: Domestic Issues
- Part II: Global Issues
- Focus Areas: 4 components
- Action Items: 84 initiatives

# Domestic Action Plan Focus Areas

- Surveillance
- Prevention and Control
- Research
- Product Development

# Action Plan Priority Initiatives

- With partners, design and implement a national AR surveillance plan.
- Develop and implement procedures for monitoring antimicrobial use in human medicine, agriculture, veterinary medicine and consumer products.
- In collaboration with many partners, develop and facilitate the implementation of educational and behavioral interventions that will assist clinicians in appropriate antimicrobial prescribing.

# Action Plan Priority Initiatives

- Evaluate the effectiveness (including cost) of current and novel infection control practices for health care and extended care settings and in the community.
- Support demonstration projects to evaluate comprehensive strategies that use multiple interventions to promote appropriate drug use and reduce infection rates.
- In consultation with academia and the private sector, identify and conduct human clinical studies addressing AR issues of public health significance

# Requirements for Strategic Success

- Awareness and understanding
- Commitment to Action Plan
- Multiple participants, public and private
- Multifaceted collaborative approach
- Comprehensive funding